IN THE UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS WACO DIVISION

JOINT CLAIM CONSTRUCTION STATEMENT OF DISPUTED CLAIM TERMS

Pursuant to the Court's Scheduling Order, Dkt. 16, Plaintiff Impulse Downhole Solutions, Ltd., ("Plaintiff") and Defendant Rubicon Oilfield International Holdings LLC ("Defendant") submit this Joint Claim Construction Statement of Disputed Claim Terms for the asserted claims of U.S. Patent No. 9,765,584.

| Claims | Claim Term | Plaintiff's Proposed | Defendant's Proposed |
|----------|---------------------------|-----------------------------|--------------------------|
| | | Construction | Construction |
| Claims 1 | "arranged around a | No construction necessary; | Indefinite |
| and 36 | central axis" | alternatively "distributed | |
| | | between the center and the | |
| | | periphery of the flow head" | |
| Claims 1 | "alignment" | No construction necessary | Indefinite |
| and 36 | | | |
| Claim 4 | "where the fluid flow is | No construction necessary; | Indefinite |
| | substantially blocked by | alternatively, "wherein the | |
| | the flow restrictor" | fluid flow is considerably | |
| | | blocked by the flow | |
| | | restrictor" | |
| Claims 1 | "such that fluid pressure | No construction necessary | Ordinary meaning: "such |
| and 36 | resulting from fluid flow | | that the fluid pressure |
| | through the ports of the | | created by fluid flow |
| | flow head and the flow | | through the arrangement |
| | restrictor is constrained | | of the ports of the flow |

| Claims | Claim Term | Plaintiff's Proposed | Defendant's Proposed |
|--|-------------------------------------|--|--|
| | | Construction | Construction |
| | to [a cyclic polyrhythmic pattern]" | | head and the flow restrictor causes [a cyclic, polyrhythmic |
| | | | pattern]" |
| Claims 1 and 36 (referenced by dependent claims 2, 3, 4) | "cyclic, polyrhythmic pattern" | "a repeating pattern that includes more than one rhythm" | "a pattern having a plurality of fluid pressure peaks of varying amplitude or a plurality of time intervals of different durations between adjacent fluid pressure peaks within a single rotation of the |
| | | | flow head" |

Respectfully submitted,

Dated: February 21, 2020 By: /s/John M. Guaragna

John M. Guaragna
Texas Bar No. 24043308
john.guaragna@dlapiper.com
Aaron G. Fountain
Texas Bar No. 24050619

aaron. fountain @us. dlapiper.com

DLA Piper LLP (US)

401 Congress Avenue, Suite 2500

Austin, TX 78701-3799 Telephone: 512-457-7000 Facsimile: 512-457-7001

Attorneys for Plaintiff

IMPULSE DOWNHOLE SOLUTIONS LTD.

By: /s/ Brian C. Nash

Brian C. Nash Texas Bar No. 24051103 brian.nash@pillsburylaw.com Steven P. Tepera

Texas Bar No. 24053510

steven.tepera@pillsburylaw.com

Pillsbury Winthrop Shaw Pittman LLP

401 Congress Avenue, Suite 1700

Austin, Texas 78701

Telephone: 512-580-9629 Facsimile: 512-580-9601

Attorneys for Defendant **RUBICON OILFIELD INTERNATIONAL HOLDINGS LLC**,

CERTIFICATE OF SERVICE

The undersigned certifies that on this 21st day of February, 2020, all counsel of record who are deemed to have consented to electronic service are being served with a copy of this document through the Court's CM/ECF system under Local Rule CV-5(a)(3). Any other counsel of record will be served by a facsimile transmission and/or first class mail.

/s/ John M. Guaragna
John M. Guaragna